

**MEMORANDUM OF UNDERSTANDING
BETWEEN
THE HASHEMITE KINGDOM OF JORDAN AND THE STATE OF UTAH**

The Hashemite Kingdom of Jordan and the State of Utah who both share key objectives of securing a supply of reliable, efficient, and cost-effective energy and water through the effective use of energy and water resources express their intent to promote cooperation in the water and energy infrastructure sectors.

THEREFORE, The Hashemite Kingdom of Jordan through the Ministry of Water and Irrigation and the Ministry of Energy and Mineral Resources, and the State of Utah through the Governor's Office of Energy Development, express their intention:

1. To seek to expand cooperation in, but not limited to, the development of new technologies and processes for the efficient use, treatment and reuse of water, integration of renewable energy sources, oil and gas exploration and production, and smart grids.
2. To explore the possibility of promoting cooperation between organizations in the water and energy sectors in the State of Utah and those in the Hashemite Kingdom of Jordan.
3. To encourage collaboration in research and development in the energy sphere between Jordanian and Utah universities as well as, public and private research institutions building on Utah's Energy Research Triangle Program that addresses Utah specific energy and natural resource challenges identified in the Governor of Utah Ten Year Energy Plan.
4. To promote the exchange of ideas between various water and energy infrastructure institutions within The Hashemite Kingdom of Jordan and the State of Utah in support of the key areas above.
5. To promote the exchange of visits by government and industry representatives, engineers, scientists and other specialists in the areas of energy and water resources.

This Memorandum of Understanding will be effective from the date of its signature and does not create any legally binding rights or obligations for either side. Signed in the city of Amman, Jordan on 22 October, 2017.

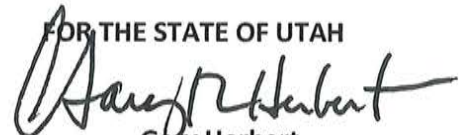
FOR THE HASHEMITE KINGDOM OF JORDAN

**Ayman Safadi
Minister of Foreign Affairs and Expatriates**

A handwritten signature in black ink, consisting of a long horizontal stroke followed by a curved line and a small 'S' and '1' at the end.

FOR THE STATE OF UTAH

**Gary Herbert
Governor**

A handwritten signature in black ink, featuring a stylized 'G' and 'H'.